



## FACILITY COMPLIANCE INSPECTION REPORT

### Division of Waste Management Solid Waste Section

**UNIT TYPE:**

Lined MSWLF		LCID	<b>X</b>	YW		Transfer	<b>X</b>	Compost		SLAS		COUNTY: Yadkin PERMIT NO.: 99-03T FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods	<b>X</b>	Incin		T&P		FIRM		
CDLF		Tire T&P / Collection	<b>X</b>	Tire Monofill		Industrial Landfill		DEMO		SDTF		

**Date of Site Inspection:** February 11, 2014

**Date of Last Inspection:** July 18, 2013

**FACILITY NAME AND ADDRESS:**

Yadkin County Solid Waste Transfer Facility  
1149 Landfill Road  
Yadkinville, North Carolina 27055

**GPS COORDINATES:** N: 36.18137 W: 80.63805

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Name: Kathie Jester, Solid Waste Supervisor  
Telephone: (336) 679-6348  
Email address: kjester@yadkincountync.gov

**FACILITY CONTACT ADDRESS:**

Post Office Box 1298  
Yadkinville, North Carolina 27055

**PARTICIPANTS:**

Kathie Jester, Solid Waste Supervisor  
Charles Gerstell, NCDENR-Solid Waste Section

**STATUS OF PERMIT:**

A Permit to Operate the Yadkin County Transfer Station, A Municipal Solid Waste Transfer Facility was issued to Yadkin County on April 6, 2009. This permit expired on May 31, 2013.

A Permit Renewal Request was received by the Asheville Regional Office on May 31, 2013 and is currently under review.

**PURPOSE OF SITE VISIT:**

Comprehensive Inspection

**STATUS OF PAST NOTED VIOLATIONS:**

N/A

**OBSERVED VIOLATIONS:**

**15A North Carolina Administrative Code 13B .0402(7) states:** *Appropriate method shall be provided to confine material subject to be blown by the wind within the area. At the conclusion of each day of operation, all windblown material resulting from the operation shall be collected and returned to the area by the owner or operator.*

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**Operating Condition #7(e)(ii) states:** *“Windblown materials must be collected by the end of the day and no windblown material may be allowed to leave the facility boundary.”*

During the inspection, severe windblown waste was observed on each side of the access road leading to the transfer station, within the rip rap areas on each side of the transfer station, along the access road leading around the back of the facility and within the area designated for storage of roll-off containers. Therefore, Yadkin County and Republic Services of North Carolina, LLC are in violation of 15A NCAC 13B .0402(7) and Operating Condition #7(e)(ii).

**To achieve compliance, within 10-days of receipt of the Notice of Deficiency, all windblown waste surrounding the transfer station and along the access road to the facility must be picked up and returned to the transfer facility.**

**15A North Carolina Administrative Code 13B .0203(d) states:** *“By receiving solid waste at a permitted facility, the permittee(s) shall be considered to have accepted the conditions of the permit and shall comply with the conditions of the permit.”*

**General Condition #17 of the Permit to Operate referencing designated waste areas within the facility including the Paper/Plastics Recyclables states:** *“These areas shall be operated and maintained in a manner so as to minimize odors, prevent the creation of a nuisance, potential health hazard, or potential fire.”*

Yadkin County is in violation of 15A NCAC 13B .0203(d) and General Condition #17 of the Permit to Operate in that windblown waste was observed on the surrounding the trailers and along the vegetated area east of the recycling area. This material consisted primarily of plastic bottles and paper and appeared to originate from the storage bays for recyclables.

**To achieve compliance, within 10-days of receipt of the Notice of Deficiency, all windblown waste resulting from recycling activities must be picked up and returned to the designated disposal area. Steps must also be taken to prevent future incidents of recyclables being deposited by wind outside of the designated recycling area creating a nuisance. Action can include, but not be limited to, reinstalling the retaining nets at the entrance to each recycling bay. Only one net was in place during the inspection.**



View of windblown waste along access road.



Second view of windblown waste along access road.

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View of waste on ground at storage area for roll-off containers.



Windblown waste on ground east of recycling area.

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

**ADDITIONAL COMMENTS:**

1. The facility is permitted to receive municipal solid waste from Yadkin County and neighboring counties.
2. The facility currently receives approximately 85 tons of waste each operating day.
3. This facility is permitted to dispose of waste at the Allied-Charlotte Motor Speedway Landfill V (permit #13-04) or any MSW landfill facility owned by Republic Services, Inc. permitted to receive waste from the aforementioned service area.

**Records Review:**

4. The permit and operations plan were verified. Both documents were current and available upon request.
5. Waste screening reports were verified. Screenings were performed with good frequency and appeared to represent 1% of the waste stream. The reports provided good documentation of unacceptable waste streams and proper disposition of those wastes.
6. Certified Transfer Station Operations Specialists.
  - Rickey W. Craddock (expires 12/5/14)
  - Larry L. Sansbury (expires 12/14/14)
  - Sylvester E. Scales (expires 6/3/14)
  - Scott Tennant (expires 12/5/14)

**Operations Inspection of the Transfer Station:**

7. Interior walls of the facility were free of heavy residue at the time of inspection.
8. A portion of the wooden deflector located on top of the push wall on the east side of the facility had been partially displaced at the time of inspection. This area should be repaired to prevent waste from becoming lodged within the deflector. This condition was observed on a previous inspection. An alternative to wood should be considered for the deflector if this device is subject to repeated damage.
9. No unacceptable waste streams were observed.

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10. Please ensure that all waste on the floor of the transfer trailer loading area is picked up at the end of each operating day and returned to the facility.
11. Bait boxes were in place around the perimeter of the facility. Mr. Tennant stated that the boxes are serviced monthly by a pest control contractor.
12. Fire extinguishers were available for fire control.

#### Operations Inspection of the White Goods Area:

13. White goods are now collected in the grassed area adjacent to the metal collection area on the opposite side of the access road.
14. Nine refrigerators were observed lying on their sides during the inspection. White goods containing chlorofluorocarbon refrigerants (CFCs) must remain in an upright condition to maintain the integrity of the device prior to CFC removal. It is recommended that white goods collection be relocated back to the covered concrete pad adjacent to the recycling area to provide a solid flat service that will ensure white goods containing CFCs can be maintained in an upright condition.
15. Two grills and exercise equipment were observed comingled with the white goods containing CFCs. All metals not designated as white goods should be kept out of the white goods collection area. The grills and exercise equipment must be relocated to the metal pile.

#### Operations inspection of the LCID Unit:

16. The disposal appeared to be less than one acre in size at the time of inspection.
17. Majority of waste was covered with soil.
18. Multiple pieces of plastic and a piece of vinyl siding were observed on the south side of the entrance into the area. Any unacceptable waste streams must be removed and properly disposed.
19. This area is only for the disposal of land clearing waste, inert debris, untreated wood, and yard trash.

#### Additional Operations:

20. Scrap metal is currently collected east of the scalehouse and recyclable collection area adjacent to an access road.
  - Metal is picked up by Metal Recycling Services. Records showed that metal was last collected on February 20, 2013.
  - The metal pile was quite large at the time of inspection and was beginning to encroach on the access road leading to the eastern portion of the property. It is recommended that arrangements be made to have metal collected or the metal pile be repositioned to prevent the access road from being blocked. A small pile of construction material was observed on the east side of the area designated for collection of metal. Material observed included plywood, particle board, treated lumber, and shingles. This material must be removed and properly disposed of at the transfer station.
21. The facility provides for the collection of electronics.
  - Stacking of electronics on pallets and shrink wrapping for shipment takes place at the covered concrete pad located adjacent to the recycling area.
  - Majority of electronics continue to be observed on the ground along the access road to the recycling area and adjacent to the covered concrete pad where electronics are prepared for shipment. Many of these devices are damaged to varying degrees. Ms. Jester stated that the county has been working to bring staff in from the convenience centers to aid in preparing electronics for shipment.
  - As previously noted, Yadkin County submitted a Permit Renewal request to the Solid Waste Section which is currently under review. Included within the permit application was a revised operations plan which states: *"Electronics are accepted for recycling and placed in the area designated on the Facility Drawing; Palletized, and loaded onto enclosed trailers furnished by Metech Recycling, LLC for transport and processing."*

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- Based on the revised operations plan submitted as part of the Permit Renewal Request, the current state of electronics handling at the facility would be a violation of the proposed Operations Plan and therefore be a violation of any Permit to Operate issued to the county in the future.
- **Therefore, within 45-days of receipt of this inspection report. Yadkin County must properly remediate the electronics on site to include, but not be limited to having all devices removed from the ground surface of the facility and properly packaged for shipment by the county's designated recycling contractor.**
- **All electronics management funds designated for distribution to Yadkin County will be withheld until the electronics issues have been resolved as detailed in the electronic correspondence sent to Kathie Jester from Ethan Brown, Environmental Senior Specialist, on February 18, 2014.**
- As suggested on a previous report from an inspection performed on June 28, 2013, it is recommended that the county contact Rob Taylor with the Division of Environmental Assistance and Customer Service to discuss the county's recycling program and waste to improve it moving forward. Mr. Taylor can be reached at (919) 707-8139 or rob.taylor@ncdenr.gov.

Please contact me if you have any questions or concerns regarding this inspection report.



Charles T. Gerstell  
Environmental Senior Specialist  
***Regional Representative***

Phone: (704) 235-2144

Sent on: <u>2/26/14</u>		Email		Hand delivery	<b>X</b>	US Mail (w/ NOD)		Certified No. <u>  </u>
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Copies: Jason Watkins District Supervisor  
Ellen Lorscheider, Planning and Programs Branch Head  
Sarah M. Rice, Compliance Officer  
Aaron Church, Yadkin County Manager  
Gary Hayes, Yadkin County Director of Inspections & Environmental Services  
Drew Isenhour, Republic Services of North Carolina, LLC